

GILA RIVER BASIN

09498502 PINTO CREEK NEAR MIAMI, AZ

LOCATION--Lat 33°29'16", long 110°59'41", in NW_{1/4}SW_{1/4}NW_{1/4} sec. 25, T.2 S., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 2 mi downstream from West Pinto Creek, in Tonto National Forest, 0.5 mi downstream from Forest Road No. 287 crossing of Pinto Creek, approximately 12 mi northwest of Miami, AZ, on the right bank side, at Pinto Valley weir.

DRAINAGE AREA--102 mi².

PERIOD OF RECORD--Oct. 1994 to current year.

GAGE--Water-stage recorder. Elevation of gage is 2,820 ft above sea level, from topographic map.

REMARKS--Records fair except for estimated daily discharges, which are poor. Some flows may be affected by pumpage from many upstream wells.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 5,010 ft³/s, Jan. 5, 1995, at gage height 9.10 ft.

EXTREMES FOR CURRENT YEAR--Maximum discharge, 1,590 ft³/s, Aug. 26 at 2015, gage height, 6.52 ft, recorded at the gage. Minimum daily discharge, 0.79 ft³/s, Oct. 31.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.92	0.80	0.95	0.90	1.0	144	3.1	3.1	3.0	1.9	1.5	1.3
2	0.93	0.80	0.94	0.91	1.0	29	3.1	3.1	3.0	2.0	1.4	1.1
3	0.93	0.84	0.89	0.93	1.0	16	3.1	3.2	2.8	1.9	1.4	0.86
4	0.89	0.86	0.88	0.93	1.0	11	3.1	3.1	2.6	1.9	1.3	0.86
5	0.88	0.86	0.89	0.94	1.1	8.3	3.1	3.1	2.5	1.9	1.2	0.99
6	0.85	0.88	0.85	0.94	1.1	6.6	3.2	3.1	2.4	1.9	1.2	2.1
7	0.87	0.86	0.84	0.96	1.1	4.9	3.1	3.1	2.3	1.8	1.3	1.4
8	0.89	0.86	0.84	0.94	1.1	3.8	3.0	3.0	2.3	1.8	1.3	1.0
9	0.88	0.89	0.84	0.93	1.1	3.2	3.1	3.0	2.3	1.8	1.3	1.6
10	0.87	0.93	0.84	0.89	1.2	3.1	3.1	3.0	2.3	1.8	1.2	1.4
11	0.86	0.91	0.84	0.92	1.2	3.0	3.0	3.0	2.3	1.8	1.2	0.88
12	0.87	0.90	0.84	0.92	1.1	3.0	3.0	2.9	2.3	1.9	1.1	0.84
13	0.86	0.91	0.83	0.89	1.2	3.0	3.0	2.9	2.3	2.1	1.1	0.87
14	0.86	0.87	0.81	0.91	1.3	2.9	3.0	3.0	2.3	2.0	1.2	0.90
15	0.85	0.88	0.84	0.91	1.3	2.8	3.0	3.1	2.2	2.0	1.1	0.91
16	0.85	0.88	0.84	0.92	1.3	2.9	3.0	3.2	2.2	2.1	1.1	0.90
17	0.86	0.90	0.88	0.93	1.3	13	3.0	3.2	2.1	2.0	1.0	0.97
18	0.88	0.90	0.89	0.94	1.3	18	3.1	3.2	2.1	1.9	1.0	1.1
19	0.88	0.86	0.89	0.96	1.3	17	3.1	3.2	2.1	1.9	1.0	1.1
20	0.90	0.87	0.89	0.99	1.3	11	3.1	3.1	2.0	1.9	0.96	1.5
21	0.90	0.89	0.84	1.00	1.3	7.8	3.1	3.1	1.9	2.0	0.92	1.2
22	0.89	0.89	0.84	1.0	1.3	5.7	3.1	3.2	1.9	2.1	0.91	1.1
23	0.89	0.90	0.88	0.98	1.3	4.7	3.1	3.2	1.9	2.0	0.88	1.1
24	0.88	0.91	0.89	0.96	1.4	4.1	3.1	3.3	1.9	1.9	0.89	1.1
25	0.88	0.87	0.89	0.97	1.5	3.6	3.1	3.3	1.9	1.8	0.90	1.1
26	0.88	0.85	0.89	0.97	444	3.3	3.1	3.2	1.9	1.7	58	1.1
27	0.83	0.95	0.89	0.97	181	3.1	3.1	3.3	1.9	1.7	3.2	1.0
28	0.81	0.97	0.90	0.99	691	3.0	3.0	3.1	1.9	1.7	1.6	1.0
29	0.81	0.97	0.88	0.98	---	3.0	3.1	3.0	1.9	1.7	1.4	0.96
30	0.80	0.98	0.88	0.99	---	3.0	3.2	3.2	1.9	1.6	1.0	0.94
31	0.79	---	0.89	0.99	---	3.1	---	3.2	---	1.5	1.1	---
TOTAL	26.94	26.64	26.98	29.36	1346.1	350.9	92.3	96.7	66.4	58.0	94.66	47.58
MEAN	0.87	0.89	0.87	0.95	48.1	11.3	3.08	3.12	2.21	1.87	3.05	1.59
MAX	0.93	0.98	0.95	1.0	691	144	3.2	3.3	3.0	2.1	58	16
MIN	0.79	0.80	0.81	0.89	1.0	2.8	3.0	2.9	1.9	1.5	0.88	0.84
AC-FT	53	53	54	58	2670	696	183	192	132	115	188	94
CFSM	0.01	0.01	0.01	0.01	0.47	0.11	0.03	0.03	0.02	0.02	0.03	0.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2003, BY WATER YEAR (WY)

MEAN	2.57	4.00	2.39	15.7	25.8	22.9	8.50	3.37	2.44	2.16	3.61	1.82
MAX	13.0	26.1	8.37	117	82.3	99.8	27.1	7.54	5.41	4.26	16.6	3.56
(WY)	2001	2001	1995	1995	1998	1998	1995	1995	1995	2001	2000	2001
MIN	0.025	0.005	0.014	0.26	0.76	0.99	0.98	0.69	0.38	0.20	0.18	0.24
(WY)	1998	1998	1997	1998	1999	1999	1996	1996	1996	1996	1996	1997

SUMMARY STATISTICS FOR 2002 CALENDAR YEAR FOR 2003 WATER YEAR WATER YEARS 1995 - 2003

ANNUAL TOTAL	520.49	2262.56										
ANNUAL MEAN	1.43	6.20										
HIGHEST ANNUAL MEAN												
LOWEST ANNUAL MEAN												
HIGHEST DAILY MEAN	2.7	Mar 25	691	Feb 28	2040	Jan 5	1995					
LOWEST DAILY MEAN	0.67	Aug 11	0.79	Oct 31	0.00	Dec 17	1996					
ANNUAL SEVEN-DAY MINIMUM	0.69	Aug 6	0.81	Oct 27	0.00	Dec 17	1996					
ANNUAL RUNOFF (AC-FT)	1030		4490		5680							
ANNUAL RUNOFF (CFSM)	0.014		0.061		0.077							
10 PERCENT EXCEEDS	2.3		3.2		9.0							
50 PERCENT EXCEEDS	1.4		1.3		1.9							
90 PERCENT EXCEEDS	0.84		0.86		0.27							